

ABSTRACT OF THE DISCLOSURE

The present invention provides a semiconductive glaze product which exhibits low thermal expansion coefficient without adversely affecting other glaze characteristics, and which, when applied to an insulator, attains enhanced mechanical strength of the insulator; a method for producing the semiconductive glaze product; and an insulator coated with the semiconductive glaze product. The semiconductive glaze product contains a glaze composition and a flux, the glaze composition containing a KNaO-MgO-CaO-Al₂O₃-SiO₂-based base glaze in which the compositional proportions of basic components; i.e., KNaO, MgO, and CaO, as represented by the Seger formula, are 0.1 to 0.4, 0.2 to 0.6, and balance, respectively, and containing a metal oxide composition including tin oxide and antimony oxide, wherein the amount of the flux is 10 parts by weight or less on the basis of 100 parts by weight of the glaze composition.